

Lower Stillaguamish PIC **Phase 2 Overview**

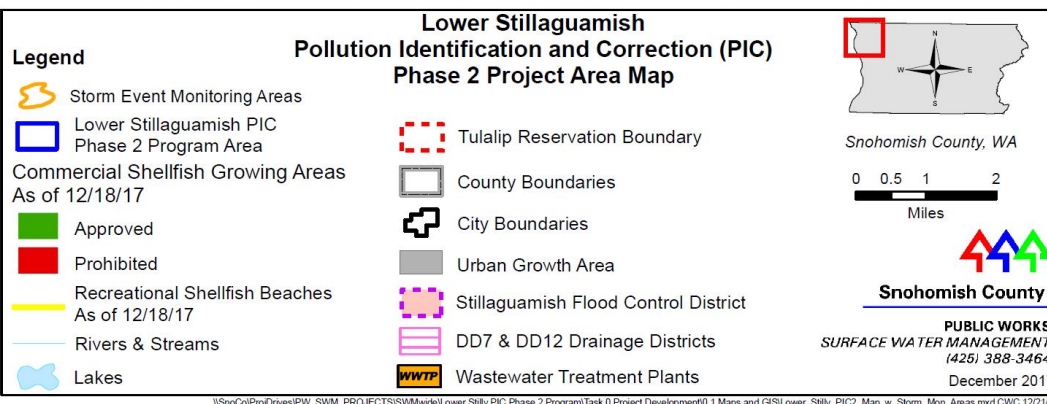
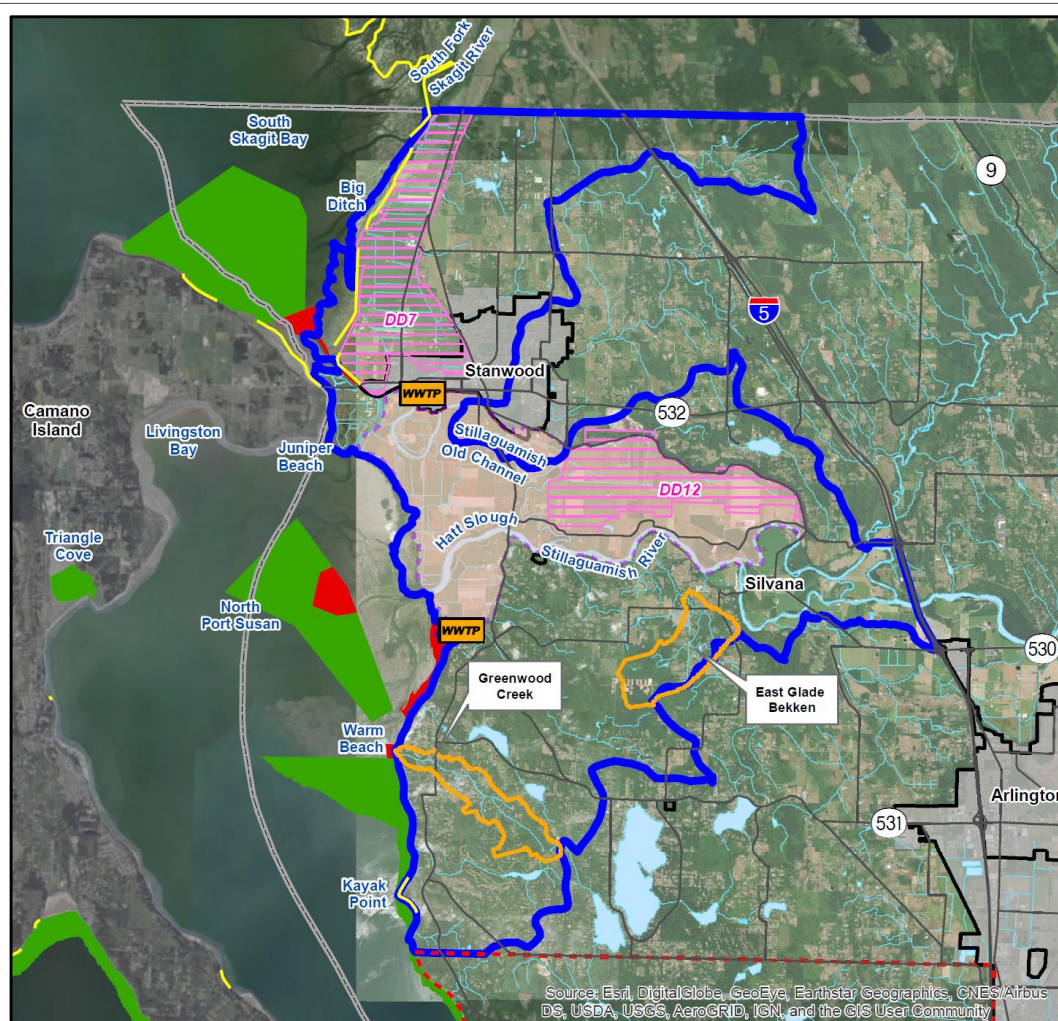
Snohomish-Stillaguamish Local Integrating Organization (LIO)

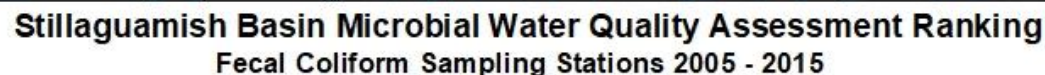
Executive Committee 9/27/18 Meeting

Sean Edwards, Senior Planner

Snohomish County SWM

Photo: Stillaguamish River flowing into Port Susan





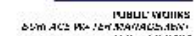
● 30
■ 12 to 29

■ E. >75%

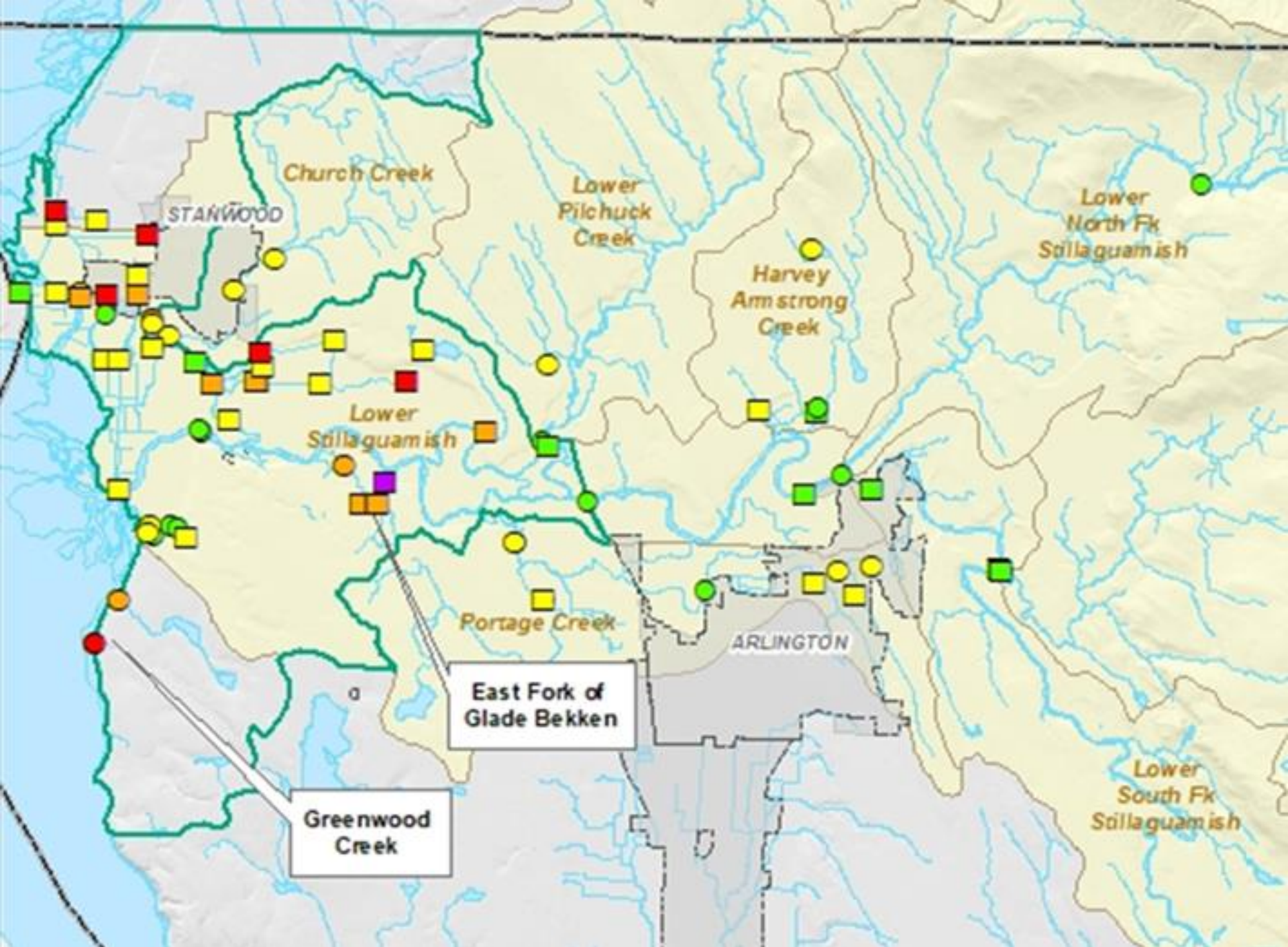
Urban Growth Area

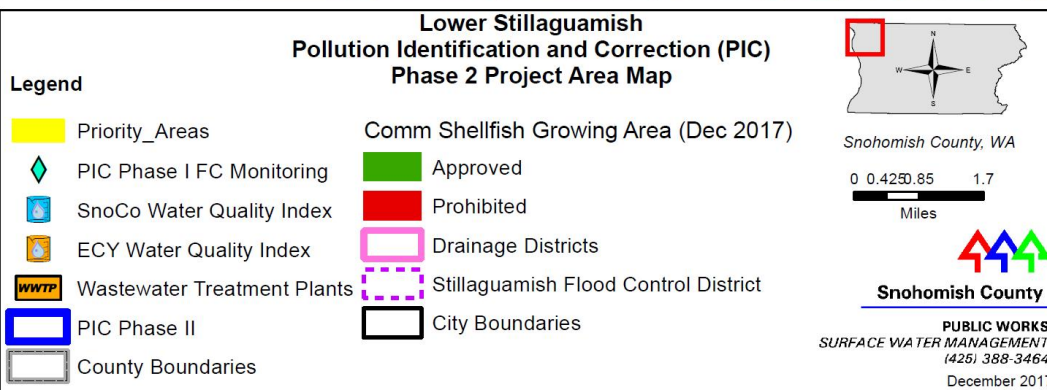
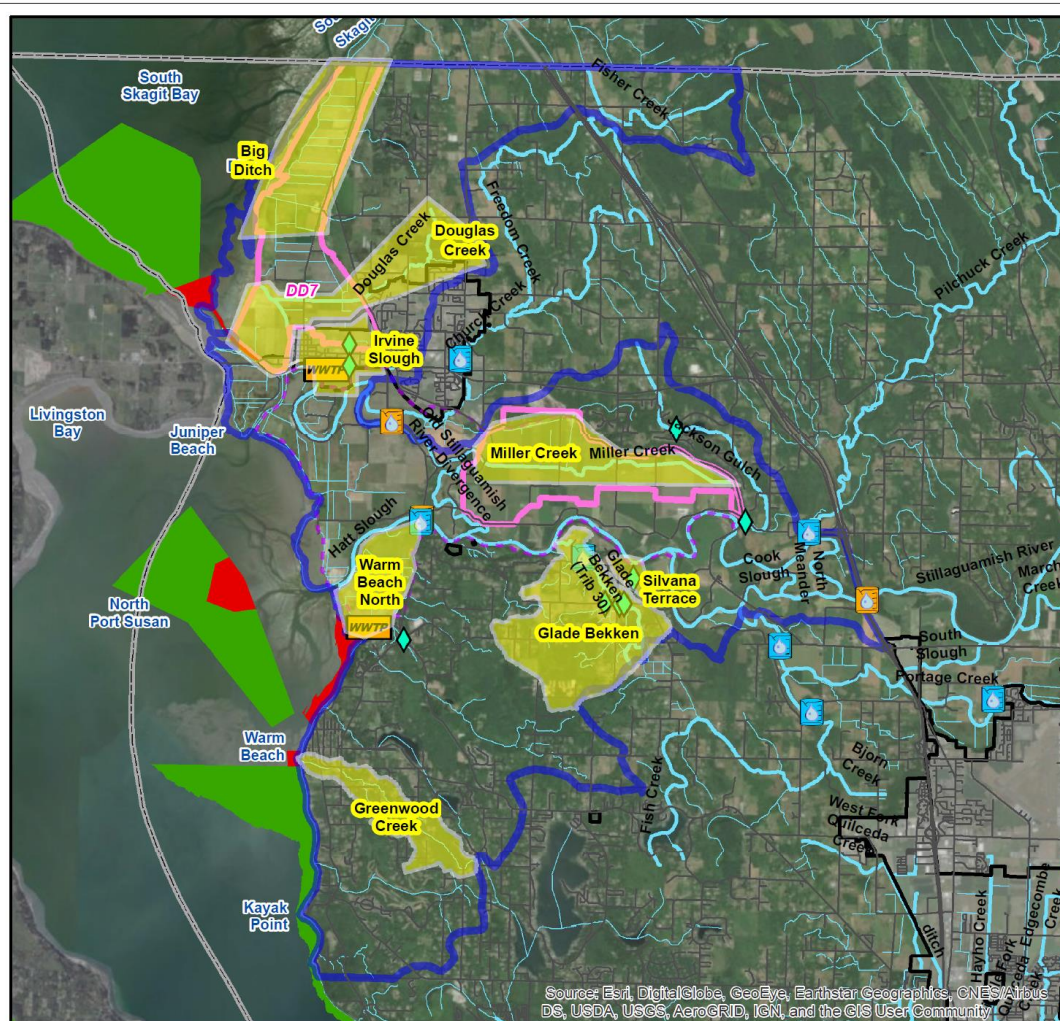
Rivers & Streams

A horizontal scale bar with tick marks at 0, 0.5, 1, and 2. Below the bar is the label "Min".



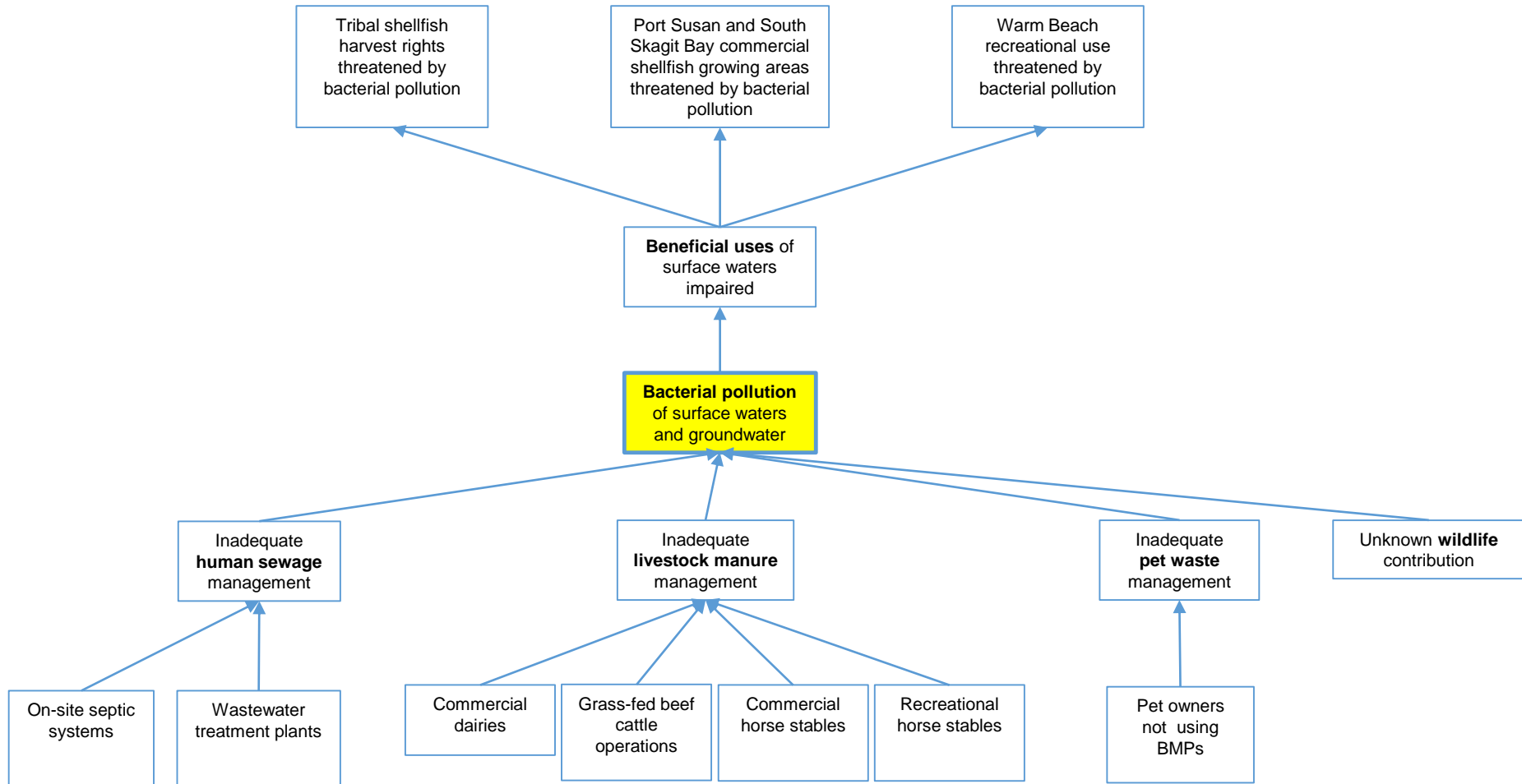
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Lower Stillaguamish PIC

Phase 2 Problem Tree



Rights Holders

Tribes

- Tulalip
- Stillaguamish
- Swinomish
- Upper Skagit

Commercial shellfish growers and tideland owners

- Trans Ocean Seafoods
- Camano Shellfish Co.
- The Nature Conservancy

Recreational water users

- Shoreline residents
- Boaters
- Fishermen

Duty Holders

Federal Agencies

- EPA
- USACE

WA State Agencies

- Ecology
- Agriculture
- Health
- Fish and Wildlife
- Natural Resources

Local Government Agencies

- Snohomish County
- Snohomish Health District
- City of Stanwood
- Stillaguamish Flood Control District

Private Landowners and Businesses

Water quality monitoring

- Quality Assurance Project Plan (QAPP)
- Targeted storm event sampling and drainage system screening in 2 priority subbasins
- Investigatory sampling (up to 300 samples)
- Quarterly progress reporting of status and results

Regulatory compliance coordination

- Water pollution complaint investigation flowchart
- Quarterly inter-agency coordination meetings
- Quarterly progress reporting on status of PIC cases

Education and outreach

Stakeholder engagement

- Quarterly updates for SWC

PIC education and outreach events

- Warm Beach Summerfest (August)
- Shellfish Dinner (November)

Technical assistance

Cost-share incentives

- Savvy Septic for on-site septic systems
- Discretionary Fund for agricultural BMPs

Quarterly progress reporting

Successes

- Significant FC sources identified and corrected
- Improved inter-agency cooperation
- Compliance enforcement at permitted commercial facilities
- Commercial dairy compliance
- Technical and financial assistance for landowners
- PIC conceptual framework and theory of change

Challenges

- Integration of PIC with NPDES
- Ambiguity of water quality monitoring results
- Recent high FC results at marine sampling stations
- Overlapping regulatory jurisdictions
- Integration of water quality monitoring, E&O, and regulatory compliance
- Lack of partner agency capacity
- Limited tribal and non-tribal shellfish harvesting

EPA Disclaimer for National Estuary Program WDOH grant #GVL23067 Lower Stillaguamish PIC Phase 2

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